

Table 37. Employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 2001

Page 1 of 2

Employment sector/occupation	Total	Male	Female	Total	Male	Female
	[Number]		[Percent]			
All sectors.....	574,890	427,770	147,110	100.0	74.4	25.6
Scientists.....	352,320	253,000	99,320	100.0	71.8	28.2
Computer and information scientists.....	34,660	29,940	4,720	100.0	86.4	13.6
Mathematical scientists.....	21,900	17,450	4,460	100.0	79.7	20.3
Life and related scientists.....	107,850	75,640	32,210	100.0	70.1	29.9
Physical and related scientists.....	73,840	63,560	10,280	100.0	86.1	13.9
Social scientists.....	47,200	32,820	14,380	100.0	69.5	30.5
Psychologists.....	66,860	33,590	33,280	100.0	50.2	49.8
Engineers.....	75,420	69,340	6,080	100.0	91.9	8.1
Non-S&E occupations.....	147,150	105,440	41,710	100.0	71.7	28.3
Universities and 4-year colleges.....	245,060	175,530	69,520	100.0	71.6	28.4
Scientists.....	178,450	127,590	50,860	100.0	71.5	28.5
Computer and information scientists.....	8,080	7,060	1,030	100.0	87.3	12.7
Mathematical scientists.....	14,410	11,660	2,750	100.0	80.9	19.1
Life and related scientists.....	65,400	45,320	20,080	100.0	69.3	30.7
Physical and related scientists.....	32,190	27,090	5,110	100.0	84.1	15.9
Social scientists.....	34,850	24,450	10,410	100.0	70.1	29.9
Psychologists.....	23,510	12,020	11,490	100.0	51.1	48.9
Engineers.....	21,930	20,220	1,710	100.0	92.2	7.8
Non-S&E occupations.....	44,670	27,720	16,950	100.0	62.1	37.9
Other educational institutions.....	17,980	10,660	7,320	100.0	59.3	40.7
Scientists.....	10,770	6,720	4,050	100.0	62.4	37.6
Computer and information scientists.....	300	260	S	100.0	84.0	S
Mathematical scientists.....	840	650	200	100.0	76.7	23.3
Life and related scientists.....	2,180	1,470	710	100.0	67.5	32.5
Physical and related scientists.....	2,460	2,070	390	100.0	84.1	15.9
Social scientists.....	1,230	720	510	100.0	58.3	41.7
Psychologists.....	3,750	1,570	2,190	100.0	41.7	58.3
Engineers.....	250	210	S	100.0	84.0	S
Non-S&E occupations.....	6,960	3,720	3,230	100.0	53.5	46.5
Private-for-profit.....	196,940	162,030	34,900	100.0	82.3	17.7
Scientists.....	91,600	71,290	20,310	100.0	77.8	22.2
Computer and information scientists.....	23,120	20,030	3,090	100.0	86.6	13.4
Mathematical scientists.....	3,810	3,030	780	100.0	79.5	20.5
Life and related scientists.....	23,150	16,860	6,290	100.0	72.8	27.2
Physical and related scientists.....	25,860	22,470	3,390	100.0	86.9	13.1
Social scientists.....	3,220	2,360	860	100.0	73.3	26.7
Psychologists.....	12,440	6,540	5,900	100.0	52.6	47.4
Engineers.....	43,210	39,810	3,390	100.0	92.1	7.9
Non-S&E occupations.....	62,130	50,930	11,200	100.0	82.0	18.0
Self-employed.....	30,420	18,500	11,920	100.0	60.8	39.2
Scientists.....	19,630	10,300	9,340	100.0	52.4	47.6
Computer and information scientists.....	790	630	160	100.0	79.4	20.6
Mathematical scientists.....	280	150	130	100.0	54.5	45.5
Life and related scientists.....	1,620	1,190	430	100.0	73.6	26.4
Physical and related scientists.....	1,130	1,110	S	100.0	98.8	S
Social scientists.....	1,020	640	390	100.0	62.1	37.9
Psychologists.....	14,800	6,580	8,220	100.0	44.5	55.5
Engineers.....	1,920	1,810	100	100.0	94.7	5.3
Non-S&E occupations.....	8,870	6,390	2,480	100.0	72.0	28.0

See explanatory information and SOURCE at end of table.

Table 37. Employed doctoral scientists and engineers, by sector of employment, broad occupation, and sex: 2001

Page 2 of 2

Employment sector/occupation	Total	Male	Female	Total	Male	Female
	[Number]			[Percent]		
Private not-for-profit.....	28,430	18,120	10,310	100.0	63.7	36.3
Scientists.....	16,040	10,110	5,930	100.0	63.0	37.0
Computer and information scientists.....	870	790	80	100.0	90.7	9.3
Mathematical scientists.....	820	600	220	100.0	73.0	27.0
Life and related scientists.....	4,110	2,700	1,410	100.0	65.7	34.3
Physical and related scientists.....	2,580	2,230	350	100.0	86.6	13.4
Social scientists.....	1,750	910	840	100.0	51.8	48.2
Psychologists.....	5,920	2,880	3,030	100.0	48.7	51.3
Engineers.....	2,100	1,850	260	100.0	87.8	12.2
Non-S&E occupations.....	10,290	6,170	4,120	100.0	60.0	40.0
Federal Government.....	38,050	29,830	8,220	100.0	78.4	21.6
Scientists.....	24,990	19,260	5,730	100.0	77.1	22.9
Computer and information scientists.....	1,080	930	150	100.0	86.0	14.0
Mathematical scientists.....	1,490	1,170	320	100.0	78.8	21.2
Life and related scientists.....	9,390	6,610	2,780	100.0	70.4	29.6
Physical and related scientists.....	7,880	7,020	860	100.0	89.1	10.9
Social scientists.....	3,190	2,280	910	100.0	71.6	28.4
Psychologists.....	1,970	1,250	720	100.0	63.3	36.7
Engineers.....	4,870	4,470	400	100.0	91.7	8.3
Non-S&E occupations.....	8,190	6,110	2,080	100.0	74.6	25.4
State and local government.....	16,580	12,020	4,560	100.0	72.5	27.5
Scientists.....	9,710	6,880	2,830	100.0	70.9	29.1
Computer and information scientists.....	380	240	140	100.0	62.2	37.8
Mathematical scientists.....	240	190	50	100.0	78.8	21.2
Life and related scientists.....	1,960	1,460	500	100.0	74.6	25.4
Physical and related scientists.....	1,670	1,510	160	100.0	90.7	9.3
Social scientists.....	990	730	260	100.0	73.9	26.1
Psychologists.....	4,470	2,750	1,720	100.0	61.5	38.5
Engineers.....	1,060	910	150	100.0	85.5	14.5
Non-S&E occupations.....	5,810	4,230	1,580	100.0	72.8	27.2
Other sector.....	1,430	1,070	360	100.0	75.0	25.0
Scientists.....	1,120	850	270	100.0	75.7	24.3
Computer and information scientists.....	S	S	S	S	S	S
Mathematical scientists.....	S	S	S	S	S	S
Life and related scientists.....	S	S	S	S	S	S
Physical and related scientists.....	90	70	S	100.0	77.0	S
Social scientists.....	940	730	210	100.0	77.9	22.1
Psychologists.....	S	S	S	100.0	S	S
Engineers.....	80	60	S	100.0	71.8	S
Non-S&E occupations.....	230	170	60	100.0	72.7	27.3

KEY: S=Suppressed due to too few cases (fewer than 50 weighted cases). S&E=science and engineering.

NOTES: Numbers are rounded to nearest ten. Details may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2001 Survey of Doctorate Recipients